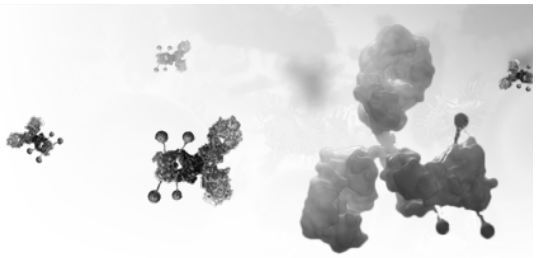

Mouse anti-Human CIDEA monoclonal antibody, clone 5C0 (CABT-B9973)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CIDEA (AAH31896, 1 a.a. ~ 254 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5C0
Conjugate	Unconjugated
Applications	WB,IP,sELISA,ELISA
Sequence Similarities	MRGDRASGGPGNHNGSWAREGPRLGPSWKRGLWSPRGGPNRPAEPSRPLTFMGSQTKRVL FTPLMHPARPFRVSNHDRSSRRGVMASSLQELISKTLDALVIATGLVTLVLEEDGTVVDT EEFFQTLGDNTHFMILEKGQKWMPGSQHVPTCSPPKRSGIARVTFDLYRLNPKDFIGCLN VKATMYEMYSVSYDIRCTGLKGLLRSLLRFLSYSAQVTGQFLIYLGTYMLRVLDDKEERP SLRSQAKGRFTCG*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

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Introduction	This gene encodes the homolog of the mouse protein Cidea that has been shown to activate apoptosis. This activation of apoptosis is inhibited by the DNA fragmentation factor DFF45 but not by caspase inhibitors. Mice that lack functional Cidea have higher metabolic rates, higher lipolysis in brown adipose tissue and higher core body temperatures when subjected to cold. These mice are also resistant to diet-induced obesity and diabetes. This suggests that in mice this gene product plays a role in thermogenesis and lipolysis. Alternatively spliced transcripts have been identified. [provided by RefSeq, Aug 2010]
Keywords	CIDEA; cell death-inducing DFFA-like effector a; CIDE-A; cell death activator CIDE-A;

GENE INFORMATION

Entrez Gene ID	1149
UniProt ID	Q8N5P9
Function	protein homodimerization activity

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